

# TARGET 2C

Name \_\_\_\_\_ Date \_\_\_\_\_

Solve each equation for  $y$ . Then find the value of  $y$  for each value of  $x$ .

1.  $y + 5x = 6$ ;  $x = -1, 0, 1$

2.  $8x - 4y = -12$ ;  $x = -3, -1, 1$

3.  $-3y = 2x - 9$ ;  $x = -3, 0, 3$

4.  $5x = -y + 6$ ;  $x = 1, 2, 3$

5.  $6y = -3x + 12$ ;  $x = -4, -2, 0$

6.  $-5y + 10x = 5$ ;  $x = -2, 0, 2$

Solve each equation for  $p$ .

7.  $xp + yp = z$

8.  $n = \frac{p-k}{j}$

9.  $a = b + cp$

10.  $\frac{p+3}{m} = -1$

# TARGET 2C ANSWERS

1.  $y = -5x + 6$  ; 11, 6, 1
2.  $y = 2x + 3$  ; -3, 1, 5
3.  $y = -\frac{2}{3}x + 3$  ; 5, 3, 1
4.  $y = -5x + 6$  ; 1, -4, -9
5.  $y = -\frac{1}{2}x + 2$  ; 4, 3, 2
6.  $y = 2x - 1$  ; -5, -1, 3
7.  $\rho = \frac{z}{(x+y)}$
8.  $\longrightarrow \rho = nj + k$
9.  $\rho = \frac{(a-b)}{c}$
10.  $\longrightarrow \rho = -m - 3$